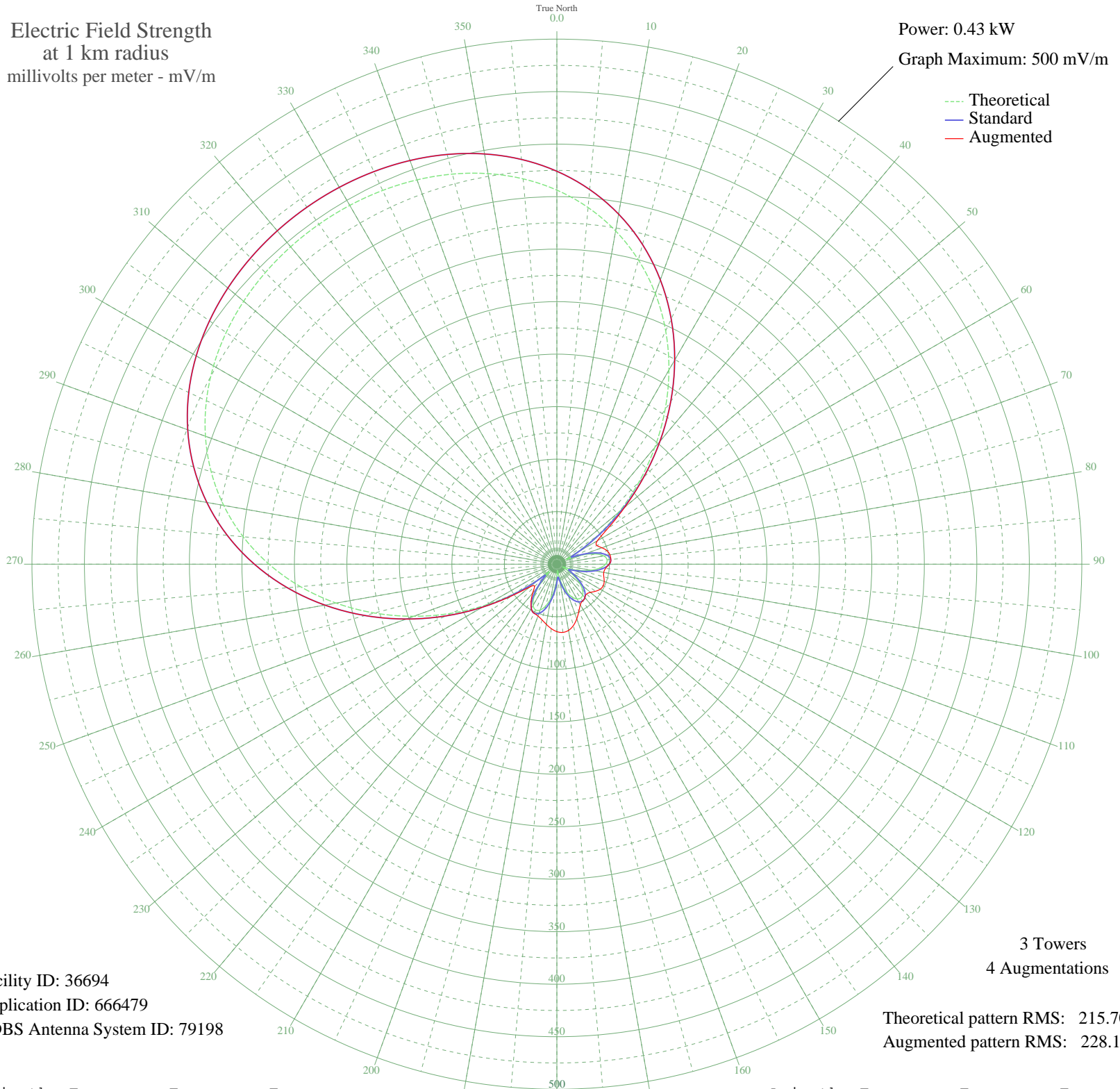


# KLSQ WHITNEY, NV BL-20030529AUW 870 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.43 kW  
Graph Maximum: 500 mV/m



Facility ID: 36694  
Application ID: 666479  
CDBS Antenna System ID: 79198

Theoretical pattern RMS: 215.70  
Augmented pattern RMS: 228.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	356.22	374.18	374.18
5	340.95	358.15	358.15
10	322.25	338.53	338.53
15	299.99	315.16	315.16
20	274.22	288.12	288.12
25	245.21	257.68	257.68
30	213.48	224.40	224.40
35	179.79	189.07	189.07
40	145.09	152.71	152.71
45	110.51	116.51	116.81
50	77.28	81.82	84.50
55	46.71	50.15	59.10
60	20.68	24.12	44.56
65	11.30	15.84	42.04
70	25.47	28.73	45.68
75	37.78	41.03	49.46
80	45.31	48.72	51.35
85	48.04	51.52	51.60
90	46.44	49.88	49.88
95	41.22	44.54	46.51
100	33.23	36.43	45.34
105	23.42	26.74	46.30
110	12.99	17.21	47.95
115	5.82	12.15	48.70
120	11.96	16.37	47.66
125	20.92	24.35	44.96
130	28.70	31.91	41.79
135	34.57	37.79	40.10
140	38.22	41.48	41.48
145	39.45	42.73	42.73
150	38.22	41.48	44.67
155	34.57	37.79	49.54
160	28.70	31.91	55.41
165	20.92	24.35	60.58
170	11.96	16.37	64.00
175	5.82	12.15	65.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	12.99	17.21	64.23
185	23.42	26.74	61.59
190	33.23	36.43	58.13
195	41.22	44.54	54.86
200	46.44	49.88	52.57
205	48.04	51.52	51.52
210	45.31	48.72	48.72
215	37.78	41.03	42.78
220	25.47	28.73	35.80
225	11.30	15.84	30.07
230	20.68	24.12	33.83
235	46.71	50.15	52.73
240	77.28	81.82	81.98
245	110.51	116.51	116.51
250	145.09	152.71	152.71
255	179.79	189.07	189.07
260	213.48	224.40	224.40
265	245.21	257.68	257.68
270	274.22	288.12	288.12
275	299.99	315.16	315.16
280	322.25	338.53	338.53
285	340.95	358.15	358.15
290	356.22	374.18	374.18
295	368.34	386.89	386.89
300	377.65	396.67	396.67
305	384.57	403.93	403.93
310	389.47	409.08	409.08
315	392.70	412.47	412.47
320	394.53	414.39	414.39
325	395.12	415.01	415.01
330	394.53	414.39	414.39
335	392.70	412.47	412.47
340	389.47	409.08	409.08
345	384.57	403.93	403.93
350	377.65	396.67	396.67
355	368.34	386.89	386.89

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission